

EXHIBIT 37

Section #3

VISUAL MINERALOGY DENVER XRD MINERALOGY

5/10

Document 33120
Argonaut 2001 Core Drill Log
PageID: 238286

5/10/2000

PageID: 238287

HOLE NUMBER	2001-3	ANGLE	45
MINE/PROJECT	Argonaut South	AC TST 200'	50
LOGGED BY	David Marek	AZIMUTH	90
DRILLING CO	Kennebec/Maine Drilling/Major	DEPTH ft	200
DRILLER	Dwight Junkins	NORTHING (Y)	16702
DRILL RIG		EASTING (X)	11136
START	May 26/01	COLLAR EL (Z)	1531.0
COMPLETE	May 26/01	BOXES	
CASING ft	9	BOTTOM EL	1331

				VISUAL MINERALOGY										DENVER XRD MINERALOGY							
FROM	TO	GEOLOGY	DESCRIPTION	SAMPLE NO	FROM	TO	WID	TLC	Opagues	QTZ	CHL	SUL	OX	SERP	TLC	CHL	CAL	DOL	MAG	QTZ	MT
ft	ft	Rock Code			ft	ft	ft	%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.00	8.00		casing																		
8.00	10.00	60	rubble with serp																		
10.00	27.00	30	Talc Carb recovery 80%					60	0.5												
			@ 8 to 23' tan/brown stained carb filled frt																		
			fault gouge @ 14, 23, and 25'																		
27.00	55.00	20	Talc Carb grey, poorly foliated light coloured					60	0.1 - 0.5												
			40 to 42 brown staining rusty																		
			@ 47' 1' of oxidized talc																		
55.00	73.00	30	Rusty stained Talc Carb carb filled frt					50	0.1												
			recovery 90%, frt with oxidized gouge																		
				1036	9.30	23.00	13.70							0.6	53.6	2.5			38.3		5.0
				1037	23.00	32.00	9.00								49.6	2.2	0.2		42.6		5.4
				1038	32.00	42.00	10.00								50.4	2.0		0.5	41.9		5.2
				1039	42.00	55.00	13.00								56.2	2.8		0.3	36.3		4.5
				1040	55.00	65.00	10.00								53.6	2.1	0.2	0.4	38.9		4.9
				1041	65.00	73.00	8.00							0.1	53.8	1.7		3.5	36.0		4.9
73.00	98.00	75	Massive White Quartz																		
98.00	100.00	50	Chlorite Cinder																		
100.00	133.50	80	Schist, well foliated CA 55																		
			recovery 70%																		
			fault gouge @ 114 & 113																		
133.50	156.60	20	Talc Carb minor foliated areas CA 50					65	0.1												
			recovery 90%																		
				1042	133.80	143.40	9.60							0.3	62.7	6.9		1.2	24.5		4.3
				1043	143.40	156.50	13.10								53.3	2.6			38.5		5.6
156.60	161.00	50	Chlorite Cinder																		
161.00	165.00	20	Talc Carb poorly foliated					60	0.1												
165.00	166.00	50	Chlorite Cinder																		
166.00	200.00	30	Talc Carb grey, poorly foliated light coloured																		
			@ 173 8" carb strigner CA 75																		
				1044	161.40	170.30	8.90								58.7	5.8		2.0	28.8		4.7
				1045	170.30	180.90	10.60								53.2	1.7		5.9	34.8		4.4
				1046	180.90	191.00	10.10								51.0	1.4		0.3	42.4		4.8
				1047	191.00	200.00	9.00								52.9	1.8			40.5		4.8
200.00			End of Hole																		

PageID: 238288

HOLE NUMBER	2001-4	ANGLE	45
MINE/PROJECT	Argonaut South	AC TST 220'	55
LOGGED BY	David Marek	AZIMUTH	270
DRILLING CO	Kennebec/Maine Drilling/Major	DEPTH ft	220
DRILLER	Dwight Jenkins	NORTHING (Y)	16702
DRILL RIG		EASTING (X)	11150
START	May 27/01	COLLAR EL (Z)	1529.9
COMPLETE	May 27/01	BOXES	
CASING ft	9	BOTTOM EL	1309.9

				VISUAL MINERALOGY										DENVER XRD MINERALOGY							
FROM	TO	GEOLOGY	DESCRIPTION	SAMPLE NO	FROM	TO	WID	TLC	Op	Q	CHL	SUL	OX	SERP	TLC	CHL	CAL	DOL	MAG	QTZ	MT
ft	ft	Rock Code			ft	ft	ft	%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.00	9.00	86	casing																		
9.00	10.50	60	rubble with serp pieces																		
10.50	43.00	30	Talc Carb tan to brown rusty zones					60	0.5												
			oxidized/stained several rubble zones																		
			@ 33 to 34' fault gouge																		
43.00	54.50	30	TC - grey light, good foliation and colour					65	0.1												
			minor frt systems																		
54.50	56.00	50	poss Chlorite Cinder check drillholes																		
56.00	68.00	30	Talc Carb brown to grey black fine grained					60	0.1												
			good recovery >90%																		
68.00	77.00	30	Talc Carb stained rusty to brown tan					65	0.5												
77.00	121.00	20	Talc Carb very altered, rusty, oxidized soft					65	0.5												
			zones of grey to grey black and very high grade																		
			zones but stained. @ 87 to 92																		
			@ 97 to 108 rusty brown recovery 85%																		
			@ 116.6 fault gouge																		
			@ 120 6" high grade talc																		
121.00	122.00	50	Chlorite Cinder																		
122.00	175.00	30	Talc Carb grey carb filled frt					55	1.0												
			rusty to tan zones throughout																		
			@ 140 to 149 rusty oxidized zone																		
			@ 169 to 171 rusty zone CA 70 on frt																		
				1048	9.90	20.00	10.10								53.4	2.5	0.3		38.5		5.3
				1049	20.00	32.00	12.00								46.8	2.6	0.3		44.4		6.0
				1050	32.00	43.90	11.90								49.0	1.4			44.0		5.6
				1051	43.90	53.00	9.10								45.9	2.0			45.9		6.2
				1052	53.00	63.00	10.00								45.6	1.3		0.7	46.7		5.7
				1053	63.00	69.30	6.30								48.0	1.0		0.9	45.2		5.0
				1054	69.30	77.00	7.70								48.8	3.1		1.8	39.6		6.7
				1055	77.00	87.00	10.00								53.0	9.3		0.8	30.5		6.4
				1056	87.00	97.00	10.00								51.7	10.9		2.4	29.4		5.7
				1057	97.00	107.00	10.00								54.3	3.1		0.2	36.5		5.9
				1058	107.00	117.00	10.00							0.1	56.7	3.2		2.2	33.5		4.3
				1059	117.00	127.00	10.00								51.5	2.7		2.9	37.0		5.9
				1060	127.00	137.00	10.00								44.4	2.4			46.0		7.2
				1061	137.00	147.00	10.00								46.1	1.4		0.5	45.7		6.3
				1062	147.00	157.00	10.00								49.6	1.6	0.2		43.0		5.6
				1063	157.00	167.00	10.00								50.9	1.7			42.2		5.2
				1064	167.00	174.90	7.90								49.8	1.0			43.9		5.3
175.00	220.00	60	Serpentinite																		
220.00			End of Hole																		

PageID: 238289

HOLE NUMBER	2001-5	ANGLE	45
MINE/PROJECT	Argonaut South	AC TST 200'	50
LOGGED BY	David Marek	AZIMUTH	90
DRILLING CO	Kennebec/Maine Drilling/Major	DEPTH ft	200
DRILLER	Dwight Junkins	NORTHING (Y)	16598
DRILL RIG		EASTING (X)	11256
START	May 28/01	COLLAR EL (Z)	1520.5
COMPLETE	May 28/01	BOXES	
CASING ft	1	BOTTOM EL	1320.5

				VISUAL MINERALOGY										DENVER XRD MINERALOGY							
FROM	TO	GEOLOGY	DESCRIPTION	SAMPLE NO	FROM	TO	WID	TLC	Opagues	QTZ	CHL	SUL	OX	SERP	TLC	CHL	CAL	DOL	MAG	QTZ	MT
ft	ft	Rock Code			ft	ft	ft	%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.00	2.00		casing																		
2.00	20.00	80	schist CA 65, foliated, black, siliceous																		
20.00	38.00	30	Talc Carb diss. Opaques					60	1.0												
			CA 65, recovery 85%																		
			@ 33 to 48' loss of 10' of core poss drift core is all rubble																		
				1065	20.50	30.00	9.50								49.9	1.2		4.5	39.9		4.5
				1066	30.00	38.00	8.00								50.5	1.7			42.9		5.0
38.00	47.00	50	Chlorite Cinder																		
47.00	50.00	20	Talc Carb					65	0.5 - 0.1												
50.00	51.00	50	Chlorite Cinder																		
51.00	65.00	20	Talc Carb high grade very soft green					65	0.1												
65.00	66.00	50	Chlorite Cinder																		
66.00	84.00	20	Talc Carb grey green carb filled frts					65	0.1												
84.00	200.00	30	Talc Carb grey					60	0.1												
			@ 110 - 6" carb frt with high grade talc																		
			@ 115 4" Carb filled frt																		
			@ 126 - 6" carb filled frt																		
			recovery >95% in this area																		
			@ 136' talc becoming darker poor foliation																		
			darker talc continues to end of hole																		
			@ 161 - 3" ca frt CA 45																		
			@ 198' - 4" high grade talc																		
				1067	47.00	57.00	10.00								61.8	12.3			21.4		4.5
				1068	57.00	67.00	10.00							0.4	58.2	7.4		0.5	28.3		5.2
				1069	67.00	77.00	10.00							0.1	52.3	1.7		0.3	41.3		4.3
				1070	77.00	87.00	10.00								56.4	4.0			35.0		4.6
				1071	87.00	97.00	10.00							0.2	60.4	4.5		2.1	28.0		4.9
				1072	97.00	107.00	10.00								49.6	2.6		1.6	40.5		5.7
				1073	107.00	117.00	10.00							0.2	48.5	3.2		0.4	42.4		5.3
				1074	117.00	127.00	10.00							0.1	52.8	2.7		2.1	36.2		6.1
				1075	127.00	137.00	10.00							0.1	52.6	1.7		3.5	37.9		4.3
				1076	137.00	147.00	10.00							0.1	49.1	1.9		3.6	37.5		7.8
				1077	147.00	157.00	10.00								56.6	4.6			33.2		5.6
				1078	157.00	167.00	10.00							0.3	53.7	6.0		0.3	34.5		5.2
				1079	167.00	177.00	10.00							0.2	54.1	4.2		2.6	34.5		4.5
				1080	177.00	187.00	10.00								56.2	5.8			33.6		4.5
				1081	187.00	200.00	13.00								45.0	6.4		3.9	39.4		5.3
200.00			End of Hole																		

PageID: 238290

HOLE NUMBER	2001-6	ANGLE	45
MINE/PROJECT	Argonaut South	AC TST 200'	52
LOGGED BY	David Marek	AZIMUTH	90
DRILLING CO	Kennebec/Maine Drilling/Major	DEPTH ft	200
DRILLER	Dwight Junkins	NORTHING (Y)	16799.6
DRILL RIG		EASTING (X)	11228.0
START	May 28/01	COLLAR EL (Z)	1537.1
COMPLETE	May 29/01	BOXES	
CASING ft	5	BOTTOM EL	1337.1

				VISUAL MINERALOGY										DENVER XRD MINERALOGY							
FROM	TO	GEOLOGY	DESCRIPTION	SAMPLE NO	FROM	TO	WID	TLC	Opagues	QTZ	CHL	SUL	OX	SERP	TLC	CHL	CAL	DOL	MAG	QTZ	MT
ft	ft	Rock Code			ft	ft	ft	%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.00	5.00		casing																		
5.00	44.50	30	Talc Carb grey poor foliation					60	1.0												
			@ 10 to 13 tan rusty zone core is in rubble																		
			recovery 90%																		
			minor fault gouge with high grade talc																		
				1082	5.00	15.00	10.00								48.4	2.1			44.5		5.0
				1083	15.00	25.00	10.00								52.1	2.1			41.4		4.4
				1084	25.00	35.00	10.00								47.4	2.1			45.5		5.0
				1085	35.00	43.00	8.00							0.2	55.9	4.4		0.8	33.7		5.0
44.50	47.50	50	Chlorite Cinder																		
47.50	70.00	20	Talc Carb frt faces with high grade					65	0.5												
70.00	72.00	50	Chlorite Cinder CA 70																		
72.00	97.70	10	Talc Carb very soft, grey/green					65	0.5												
97.70	103.00	50	Chlorite Cinder CA 60																		
103.00	137.00	30	Talc Carb grey/green poor foliation					60	0.5 - 0.1												
137.00	187.00	30	Talc Carb less insols, good recovery					55	0.5												
			@ 157 to 160 carb frt parallel to core																		
187.00	200.00	30	TC becoming darker					55	0.5												
			possible transition to serp, poor foliation																		
				1086	47.60	57.00	9.40								57.7	4.2	0.3	6.1	27.4		4.4
				1087	57.00	69.30	12.30								53.9	4.8		1.0	35.5		4.8
				1088	72.00	82.00	10.00								65.5	9.3		10.7	10.7		3.9
				1089	82.00	92.00	10.00							0.1	47.4	2.5		5.0	39.3		5.6
				1090	92.00	97.90	5.90								56.7	3.1		1.2	34.0		5.1
				1091	103.00	112.10	9.10								56.3	3.5		6.1	29.1		5.0
				1092	112.10	122.00	9.90								47.1	2.4	0.4		45.1		5.0
				1093	122.00	132.00	10.00								50.3	2.2			42.4		5.1
				1094	132.00	142.00	10.00								54.0	2.0			39.5		4.5
				1095	142.00	152.30	10.30								53.4	2.2		0.2	39.4		4.8
				1096	152.30	162.00	9.70								49.1	2.0		0.6	42.7		5.6
				1097	162.00	172.00	10.00								51.4	2.5			39.9		6.2
				1098	172.00	182.00	10.00							0.2	51.2	2.8		1.9	38.3		5.7
				1099	182.00	192.00	10.00								51.3	1.9		0.9	39.9		6.1
				1100	192.00	200.00	8.00								50.4	9.1	0.2		32.0		8.3
200.00			End of Hole																		

PageID: 238291

5/10.

Document 33120
Argohaut 2001 Core Drill Log
PageID: 238292

5/19/85

PageID: 238293

5/19/94

PageID: 238294

5/1/2000

PageID: 238295

HOLE NUMBER	2001-11	ANGLE	45
MINE/PROJECT	Argonaut South	AC TST 307'	52
LOGGED BY	David Marek	AZIMUTH	90
DRILLING CO	Kennebec/Maine Drilling/Major	DEPTH ft	307
DRILLER	Dwight Jenkins	NORTHING (Y)	16198
DRILL RIG		EASTING (X)	11306
START	Jun 1/01	COLLAR EL (Z)	1587.8
COMPLETE	Jun 2/01	BOXES	
CASING ft	2	BOTTOM EL	1280.8

					VISUAL MINERALOGY								DENVER XRD MINERALOGY								
FROM	TO	GEOLOGY	DESCRIPTION	SAMPLE NO	FROM	TO	WID	TLC	Opagues	QTZ	CHL	SUL	OX	SERP	TLC	CHL	CAL	DOL	MAG	QTZ	MT
ft	ft	Rock Code			ft	ft	ft	%	%	%	%	%	%	%	%	%	%	%	%	%	%
0.00	2.00		casing																		
2.00	27.00	60	Serpentine																		
			fractures till 17', recovery 80%, rusty oxidized to 20'																		
27.00	32.00		Dyke structure - Diabase?, fine grained black																		
32.00	80.00	60	Serpentine Continues																		
80.00	116.00	30	Talc Carb rusty stained for 3 ft., next to contact					60	0.5												
			por foliation																		
			@ 98.5 to 100' high grade talc, green very soft					75													
116.00	119.30	50	Chlorite Cinder																		
119.30	120.30	30	Talc Carb					60	0.5												
120.30	124.30	50	Chlorite Cinder																		
124.30	176.00	20	Talc Carb poor foliation grey					60	0.5												
			@ 127 fault gouge																		
176.00	178.50	50	Chlorite Cinder																		
178.50	251.00	10	Talc Carb soft grey green, light coloured					65	0.1												
			poor foliation good colour																		
			@ 188 talc grey to dark grey																		
			@ 192 - 1' grey hard talc																		
			@ 207 - ft core																		
			@ 210 minor foliation CA 45																		
			@ 220 - 1' gouge with good talc																		
			good high grade from 234 to 251																		
			@ 244 - 6" fault gouge																		
				1127	79.00	90.00	11.00								51.5	2.4			41.9	4.2	
				1128	90.00	100.00	10.00								54.5	1.3		1.0	39.0	4.1	
				1129	100.00	110.00	10.00								52.2	2.6			41.0	4.2	
				1130	110.00	116.00	6.00								52.7	1.9	0.3	3.4	37.7	4.1	
				1131	124.30	134.00	9.70							0.2	53.5	4.5		1.2	35.9	4.7	
				1132	134.00	144.00	10.00								53.1	1.6			40.9	4.4	
				1133	144.00	154.00	10.00								50.7	0.9			43.9	4.5	
				1134	154.00	164.00	10.00							0.1	52.1	2.5			41.1	4.2	
				1135	164.00	174.20	10.20							0.1	55.1	3.5			37.1	4.2	
				1136	174.20	183.00	8.80								62.9	2.6		8.5	22.3	3.7	
				1137	184.00	194.00	10.00							0.2	59.5	4.7			31.7	3.9	
				1138	194.00	204.00	10.00								53.1	2.9		0.2	39.6	4.2	
				1139	204.00	214.00	10.00							0.2	55.0	6.0			35.3	3.5	
				1140	214.00	224.00	10.00								47.0	4.0		0.3	44.3	4.4	
				1141	224.00	235.90	11.90								59.4	4.0		0.9	31.5	4.2	
				1142	235.90	243.90	8.00								61.6	2.1	0.1	0.3	31.9	4.1	
				1143	243.90	250.00	6.10								50.7	3.0	0.4	2.3	39.7	3.9	
251.00	307.00	80	Hangwall schist, minor foliation CA 40																		
			recovery 95%																		
			@ 271 - 1" talc gouge																		
307.00			End of Hole																		